

5m LC to LC Multimode Duplex OM3 LSZH Fibre Optic Cable

Introducing the LC to LC Multimode Duplex OM3 LSZH Fibre Optic Cable, now available in a convenient 5-meter length. Elevate your networking solutions with this high-quality fibre optic cable, designed for exceptional data transmission and safety.

Features

- High-grade 50µm/125µm multimode fibres ensure optimal data transmission for high-density applications.
- Low Smoke Zero Halogen (LSZH) material minimises toxic emissions, providing a safer cabling solution for public spaces and health facilities.
- LC to LC connectors ensure secure and high-precision connections critical for maintaining data integrity.
- OM3 fibre rating ensures compatibility with a wide range of network hardware, facilitating smooth integration into existing infrastructure.



| Product Specifications | |
|--------------------------|---|
| Connector Type | LC to LC |
| Fibre Type | OM3 |
| Ferrule Material | Ceramic |
| Cable Construction | Microcore® technology |
| Cable Diameter | 2.0mm nominal overall |
| Core / Cladding Diameter | 50µm / 125µm |
| Buffer Diameter | 900µm |
| Wavelength | Optimised for 850nm VCSELs for high-speed data transfer |
| Bandwidth | 2000MHz*km effective modal bandwidth (EMB) at 850nm |
| Transmission Speed | Up to 40Gbps at 100m |
| Maximum Attenuation | 2.3dB/km at 850nm; 0.6dB/km at 1300nm |
| Maximum Distance | Up to 40Gbps at 100m; Up to 10Gbps at 300m |
| Polarity | A-to-B cross, compliant with TIA 568 standard |
| Jacket Material | Low Smoke Zero Halogen (LSZH) |
| Fire Rating | IEC 60332-1, IEC 60332-3, OFNR or OFNP |
| Standards Compliance | TIA/EIA-492AAAC, IEC 60793-2-10, IEC 61754-4, ISO/IEC 11801 |

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|--------------------------|----------------------------|
| Minimum Bend Radius | 7 times the outer diameter |
| Pulling Tension | 200N max. |
| Numeric Aperture | 0.200 nominal |
| Strain Relief | 100-kpsi min. |
| Crush Resistance | 500N/100mm |
| Impact Resistance | 1.0Nm (impacts) |
| Flexibility | 5000 cycles |
| Cable Length | 5 meter |
| Operating Temperature | -20°C to +70°C |
| Installation Temperature | 0°C to +50°C |

| Product Information | |
|---------------------------|-------------------|
| Part Number | 60020PI |
| EAN | 5050171087923 |
| Units per Pack | 1 |
| Packaging Size | 21.5 x 17 x 0.5cm |
| Finished Packaging Weight | 43g |
| Outer Box Qty | - |
| Outer Size | - |
| Outer Gross Weight | - |
| Outer Net Weight | - |